

# Work Order ID 101401

May-09-13 2:54:04 PM

**\*101401\***

Page 1

Item ID: DSI 9643-011

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Retainers

Stop **\*NS2\***

Start Date: 5/09/13 Start Qty: 4.00

**\*4\***  
**\*4\***

Cust Item ID:

Required Date: 5/13/13 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: *W*

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr Revision Nbr

DSI 9643 B

100

**\*100\***

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile & type labels per PPP DSI9643-011 CHG002

0.00

0.00

*DAS 27*

*NS 10*

*3*

*MCS 13-05-10*  
*3*

110

**\*110\***

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

*4*

*13-05-10 JB*

*[Signature]*

120

**\*120\***

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

*DAS 27*

*B-5. 10*

*3*

# Work Order ID 101401

\*101401\*

May-09-13 2:54:05 PM

Item ID: DSI 9643-011

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Retainers

Start Date: 5/09/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 5/13/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Run Start \*NR1\*

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop \*NR2\*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

Packaging

0.00

\*130\*

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP DSI9643-011

Location: \_\_\_\_\_

(3x)

135/10

DSI 06/09

140

QC21- Final Inspection - Work Order Release

0.00

\*140\*

QC

Memo

0.00

Quality Control

ML5 13-05-10

ML5 13-05-10

# Picklist Print

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Work Order ID: 101401

Parent Item: DSI 9643-011

Parent Item Name: Retainers

Start Date: 5/09/13

Required Date: 5/13/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 13-03-03 JLM VERIFIED BY: JFS  
DSI9643 dwg rev.b DD verf:JLM

IPP REV:B 13.04.23 as per

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>D4541-4</b> Bracket	SM 32	Manufactured	No				Each	16.0000	3	75			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st530		16							
				97804		16				97804			
<b>D4541-7</b> Bracket	SM 32	Manufactured	No				Each	22.0000	3	20			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		18							
				96961		18							
				st530		4							
				91436		4				91436			
<b>D4541-8</b> Bracket	SM 37	Manufactured	No				Each	12.0000	3	20			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		2							
				96962		2							
				st530		10							
				97803		10				97803			
<b>D4542-3</b> Retainer, Inner	SM 37	Manufactured	No				Each	50.0000	2	13-05-1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		6							
				96963		6				96963			
				ST527		44							
				100604		44				100604			

# Picklist Print

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Work Order ID: 101401

Parent Item: DSI 9643-011

Parent Item Name: Retainers

Start Date: 5/09/13

Required Date: 5/13/13

Start Qty: 4.00

Required Qty: 4.00

**D4542-7**

Retainer, Inner

Manufactured No

Each 43.0000

2 8 6

Shp 37

## Location

## Loc Qty

## Loc Code

ST525

43

101184

6

101185

37

2x 101184  
4x 101185

**D4543-3**

Retainer, Outer, LH

Manufactured No

Each 5.0000

1 34 - 70

Shp 37

## Location

## Loc Qty

## Loc Code

ST528

5

100598

5

100598

**D4543-4**

Retainer, Outer, RH

Manufactured No

Each 13.0000

1 34 - 70

Shp 37

## Location

## Loc Qty

## Loc Code

st529

13

100599

13

100599

**D4541-3**

Bracket

Manufactured No

Each 22.0000

1 (3) - 70

Shp 37

## Location

## Loc Qty

## Loc Code

FG

8

96959

8

st530

14

91421

14

91421

**D4543-5**

Retainer, Outer, LH

Manufactured No

Each 5.0000

1 34 - 70

Shp 37

## Location

## Loc Qty

## Loc Code

st535

5

100600

5

3x 100600

**D4543-6**

Retainer, Outer, RH

Manufactured No

Each 4.0000

1 34 - 70 13-09-10

Shp 37

## Location

## Loc Qty

## Loc Code

ST527

4

100601

4

3x 100601

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Shop Packet Print

Page 2

Picklist Print

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Work Order ID: 101401  
Parent Item: DSI 9643-011  
Parent Item Name: Retainers

Start Date: 5/09/13

Required Date: 5/13/13

Start Qty: 4.00


Required Qty: 4.00

MS21059L3K

Purchased

No

Each 9,740.0000

44 <sup>176</sup> 132 - 20 

Nutplate

Shp 3X



Location	Loc Qty	Loc Code
ST316	767	
124555	617	
124603	150	
st507	2208	
124586	2208	
ST510a	5265	
123346	2265	123346
124291	3000	
ST511	1500	
124093	1500	

MS20426AD3-4

Purchased

No

Each 27,452.000

 352 264 - 10 

RIVET

Shp 3X


Location	Loc Qty	Loc Code
ST333	36	
123352	36	
ST334	8000	
123164	8000	
ST505	8000	
124814	8000	
ST509	11416	
124586	3416	124286
125578	8000	

MS21061L08

Purchased

No

Each 910.0000

10 <sup>42</sup> 30 - 10 13-0510 

Nutplate

Shp 3X

Location	Loc Qty	Loc Code
ST316	500	
125574	500	
st507	410	
125445	410	125445

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Shop Packet Print

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-817 REV. D  
& INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-817 REV. 2

REF. TCCA STC SH12-3  
REF. FAA STC SR03091NY  
REF. EASA STC 10039042

## 1.0 PURPOSE

FOR D206-817-011 KITS AT CHG 001, THE DSI 9643-011 RETAINER KIT IS AVAILABLE TO FACILITATE INSTALLATION OF THE RETAINERS. THE KIT INCLUDES PARTS TO REPLACE THE RIGID D4545-043/-044/-047/-048 RETAINER ASSEMBLIES WITH SEPARATE BRACKETS AND RETAINERS THAT ARE ASSEMBLED BY THE INSTALLER AND ALLOW FOR EASIER ADJUSTMENT. THE KIT ALSO INCLUDES NEW D4543-3/-4/-5/-6 OUTER RETAINERS THAT MORE ACCURATELY FIT THE PROFILE OF MOST AIRCRAFT, AS WELL AS SOME ADDITIONAL MS21061L08 SINGLE WING NUTPLATES TO ASSIST WITH THE INSTALLATION OF THE D4544-1 CENTER RETAINER. THESE CHANGES HAVE BEEN INCORPORATED INTO D206-817-011 KITS AT CHG 002.

## 2.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9643-011	RETAINER KIT
1	D4541-3	BRACKET
1	D4541-4	BRACKET
1	D4541-7	BRACKET
1	D4541-8	BRACKET
2	D4542-3	RETAINER, INNER
2	D4542-7	RETAINER, INNER
1	D4543-3	RETAINER, OUTER
1	D4543-4	RETAINER, OUTER
1	D4543-5	RETAINER, OUTER
1	D4543-6	RETAINER, OUTER
88	MS20426AD3-4	RIVET
44	MS21059L3K	NUTPLATE
10	MS21061L08	NUTPLATE

WHEN INSTALLING A D206-817-011 KIT AT CHG 001 ALONG WITH THE DSI 9643-011 KIT, REPLACE THE FOLLOWING PARTS IN THE D206-817-011 CHG 001 KIT AS FOLLOWS:

REPLACE D206-817-011 CHG 001 PART NUMBER	WITH DSI 9643-011 PART NUMBER
(1x) D4545-043	(1x) D4541-3 (1x) D4542-3
(1x) D4545-044	(1x) D4541-4 (1x) D4542-3
(1x) D4545-047	(1x) D4541-7 (1x) D4542-7
(1x) D4545-048	(1x) D4541-8 (1x) D4542-7
(1x) D4543-3	(1x) D4543-3 (NEW SHAPE) OR (1x) D4543-5
(1x) D4543-4	(1x) D4543-4 (NEW SHAPE) OR (1x) D4543-6

## 3.0 INSTALLATION

INSTALL PER IIN-D206-817 REV. D

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 13.04.15  
CERT. NO.: SH12-3  
ISSUE NO.: 1

B	ADD D4543-5/-6, REF TO IIN REV. D	CP	13.04.15
A	NEW ISSUE	CP	13.02.08
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>90</i>	DART AEROSPACE LTD	
DRAWN	<i>90</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>ASS</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>N/A</i>	DSI 9643	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RETAINER KIT	NTS
DATE	13.04.15	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	